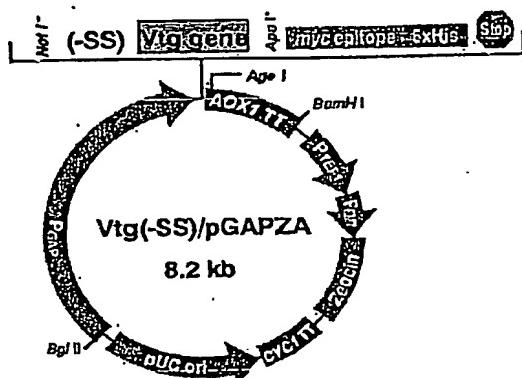
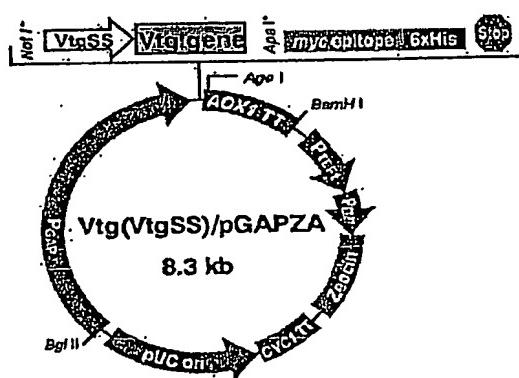


Fig.1

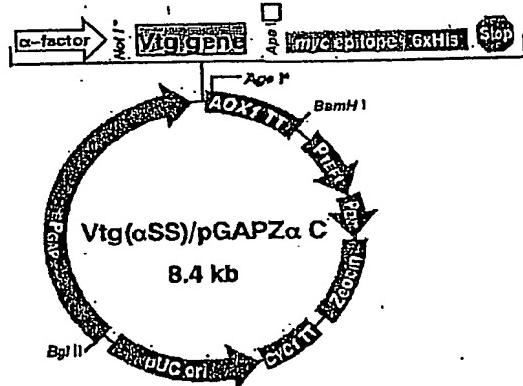
(A)



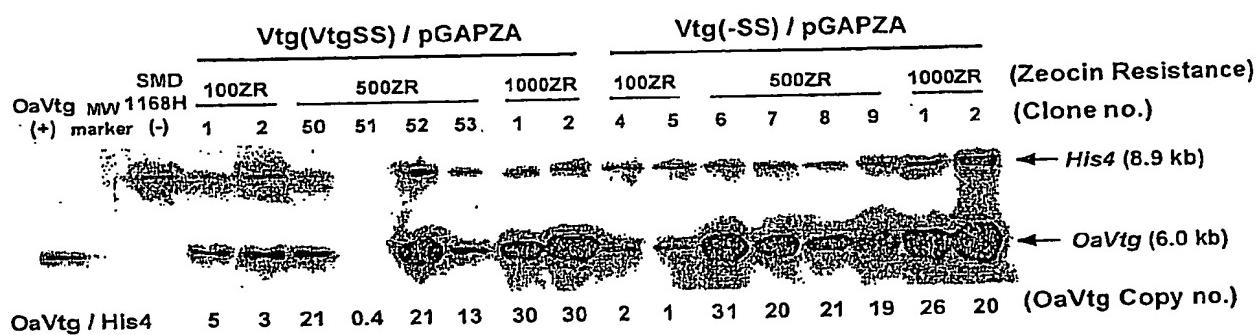
(B)



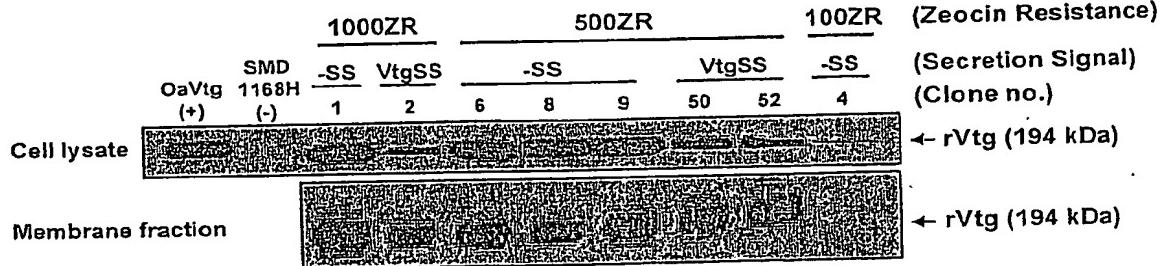
(C)

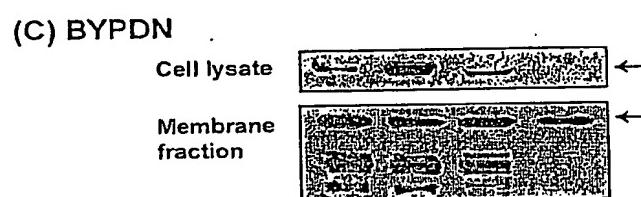
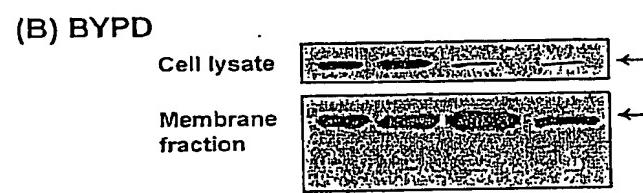
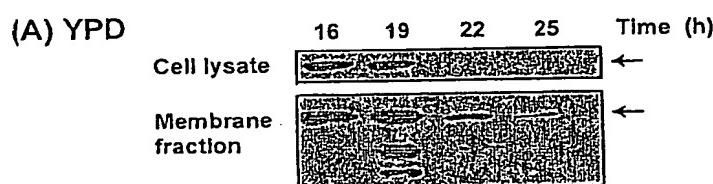


(A)

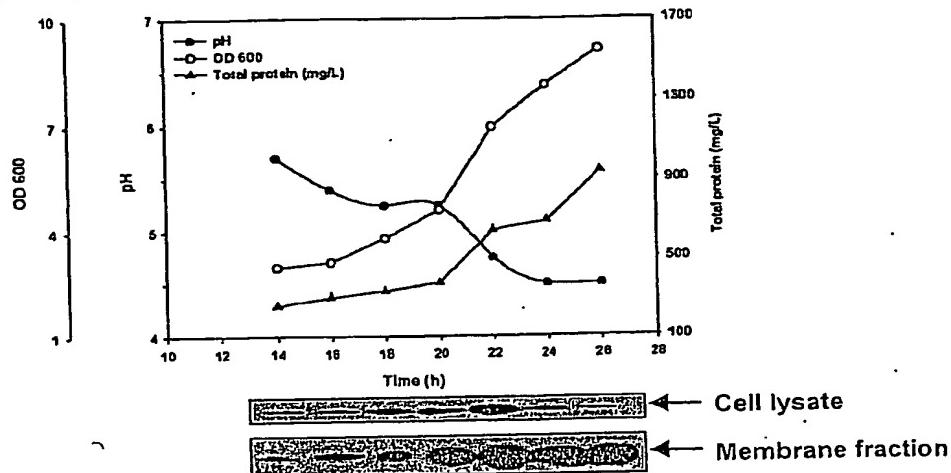


(B)

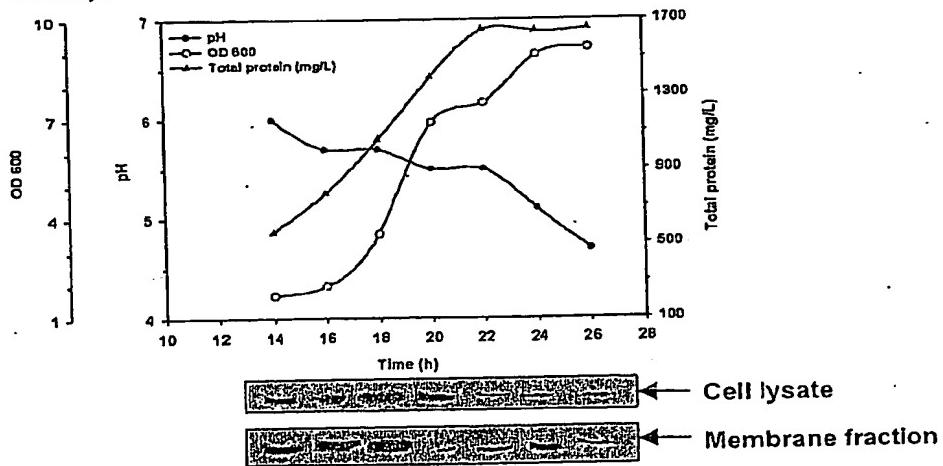




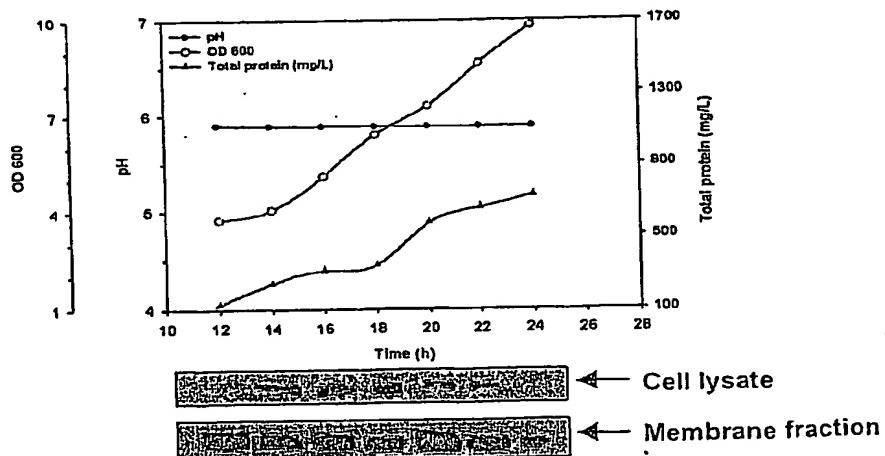
(A) Single shake flask



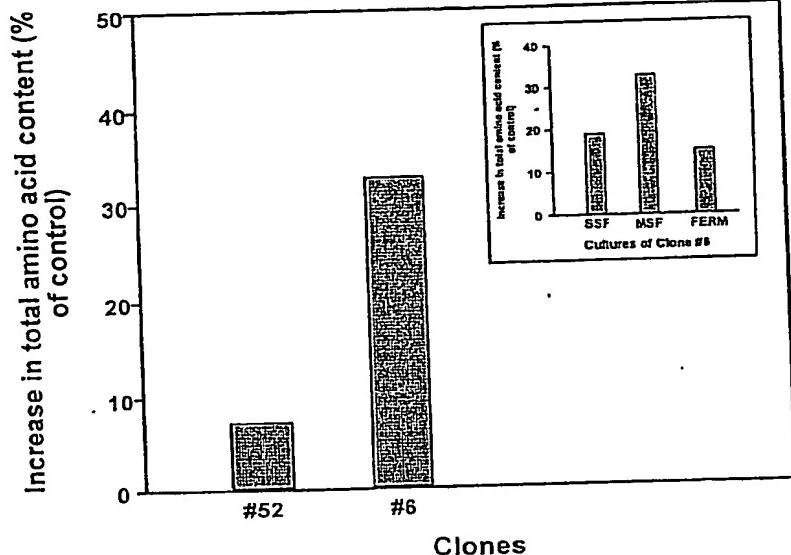
(B) Multiple shake flasks



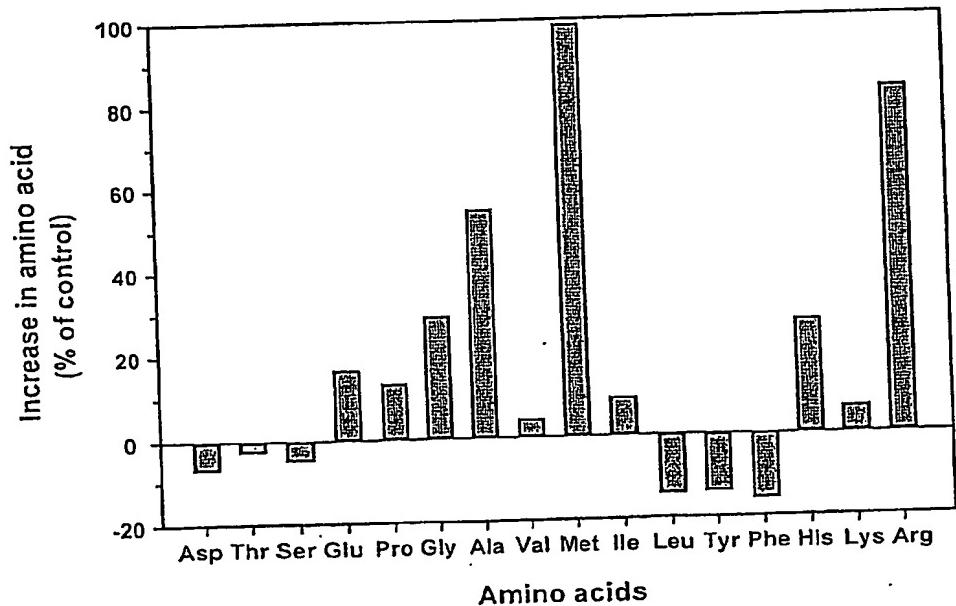
(C) Fed-batch fermentation



(A)



(B)



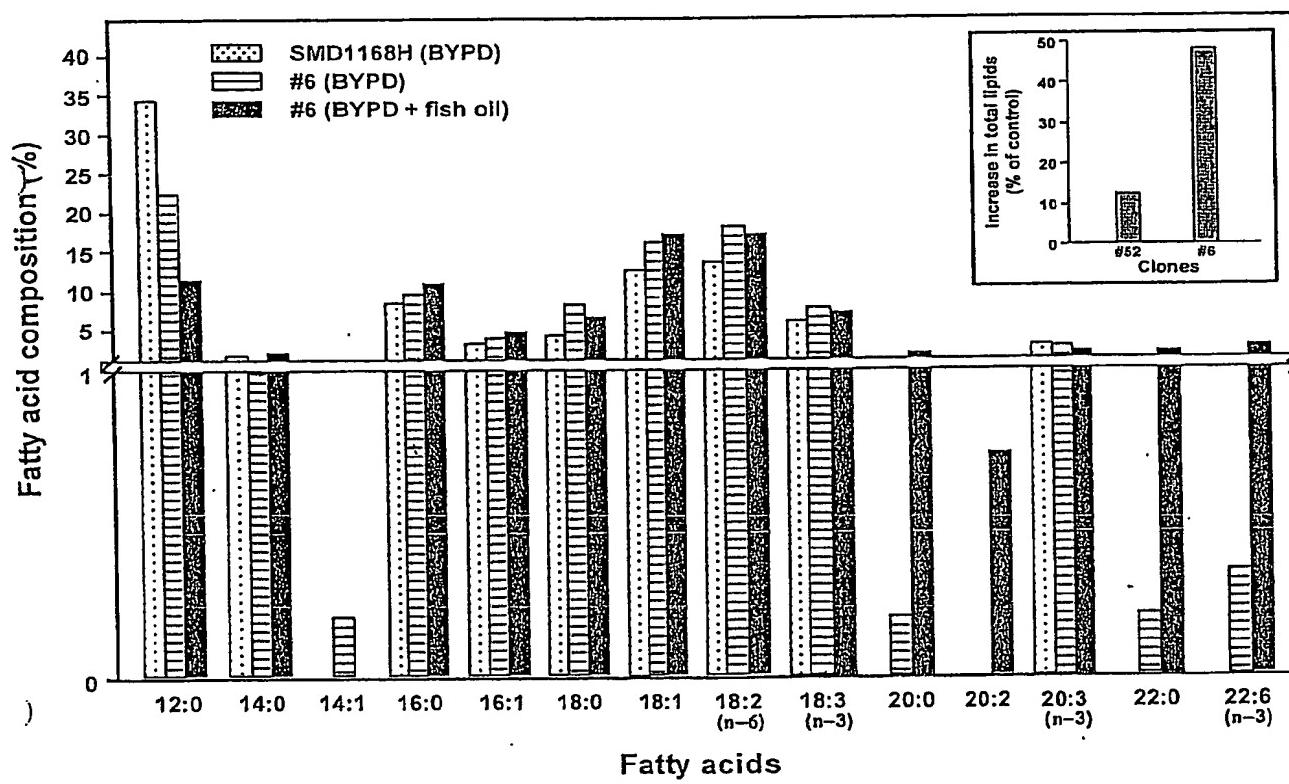


Fig. 7

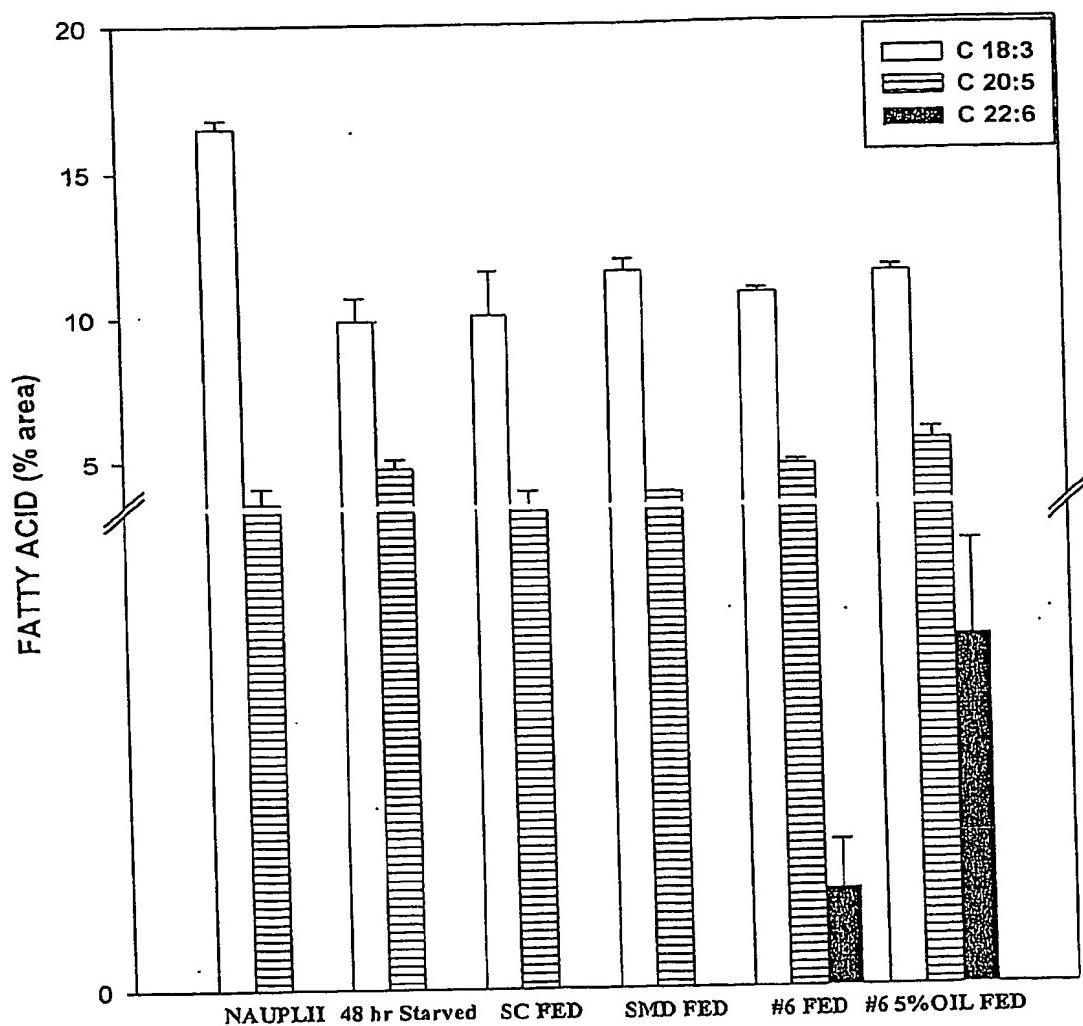
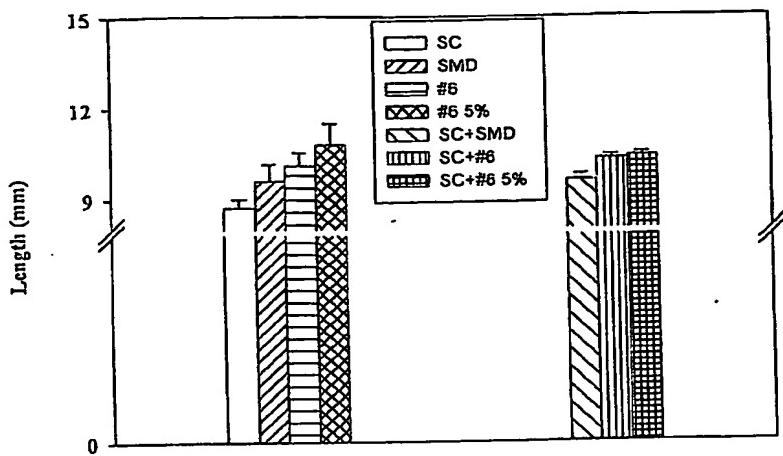
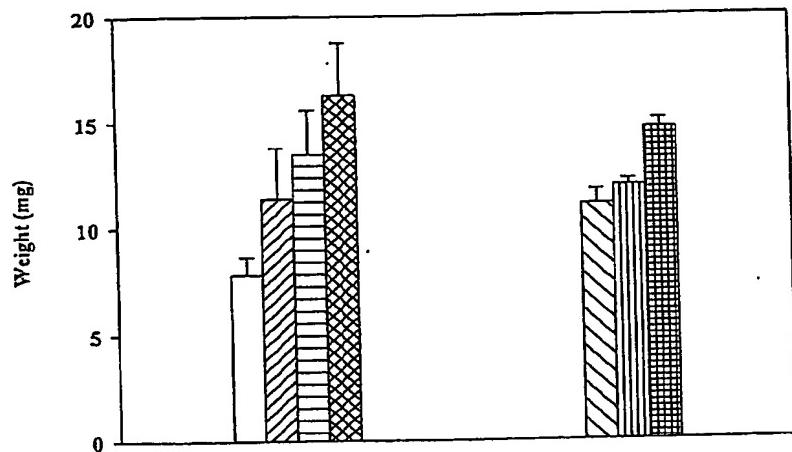


Fig. 8

A



B



C

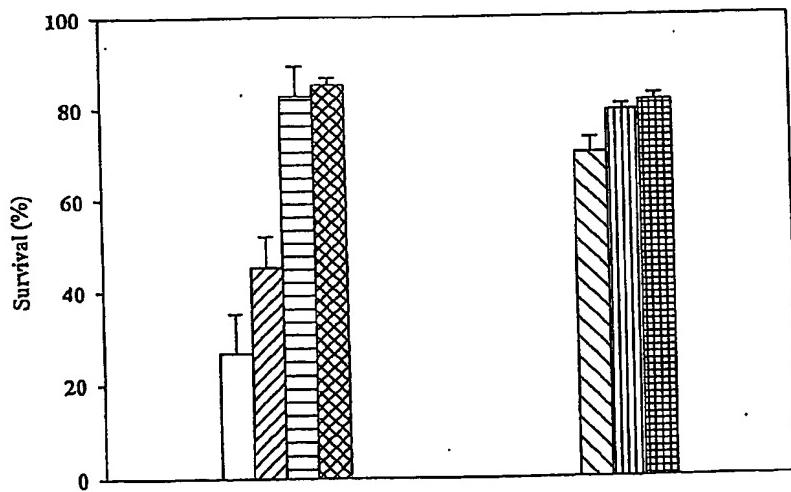
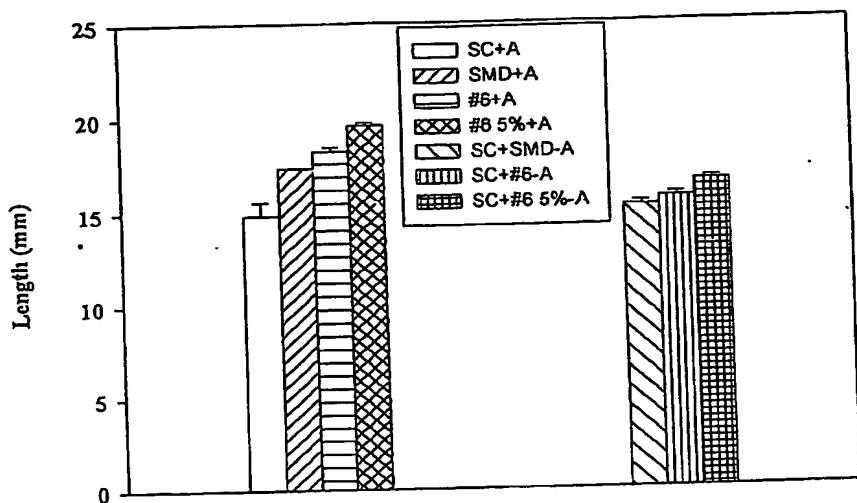
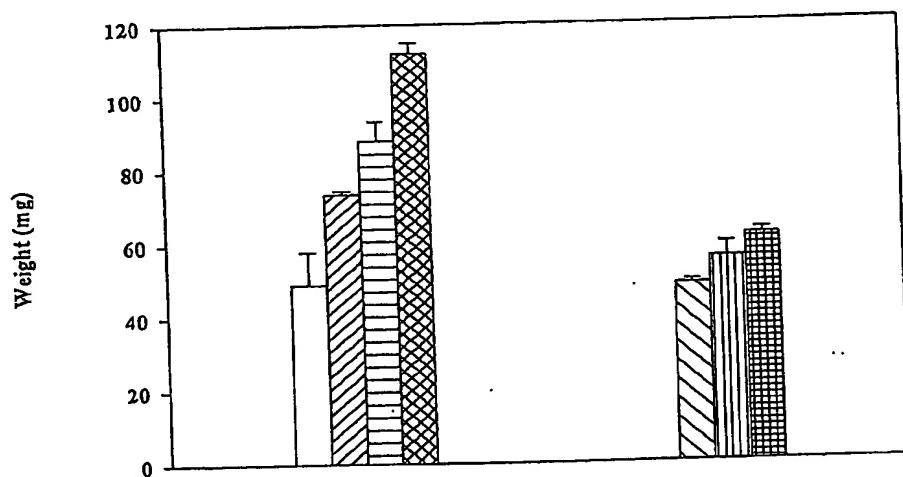


Fig. 9

A



B



C

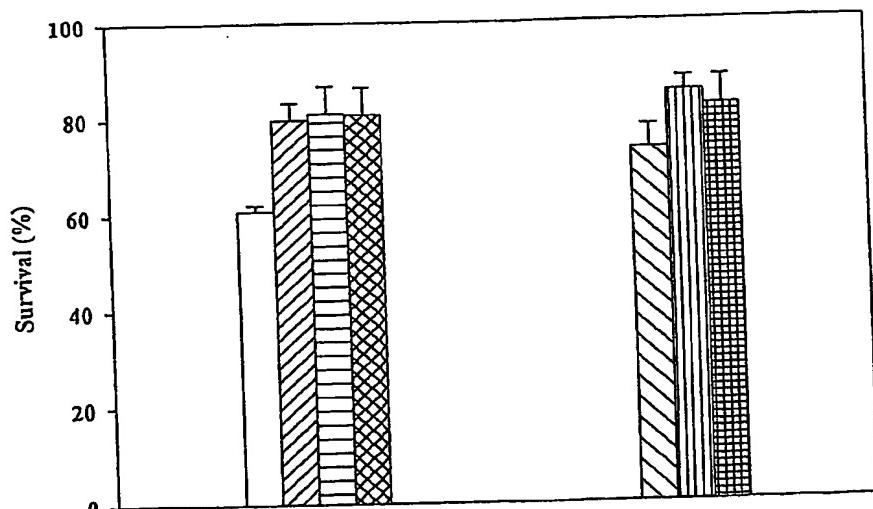
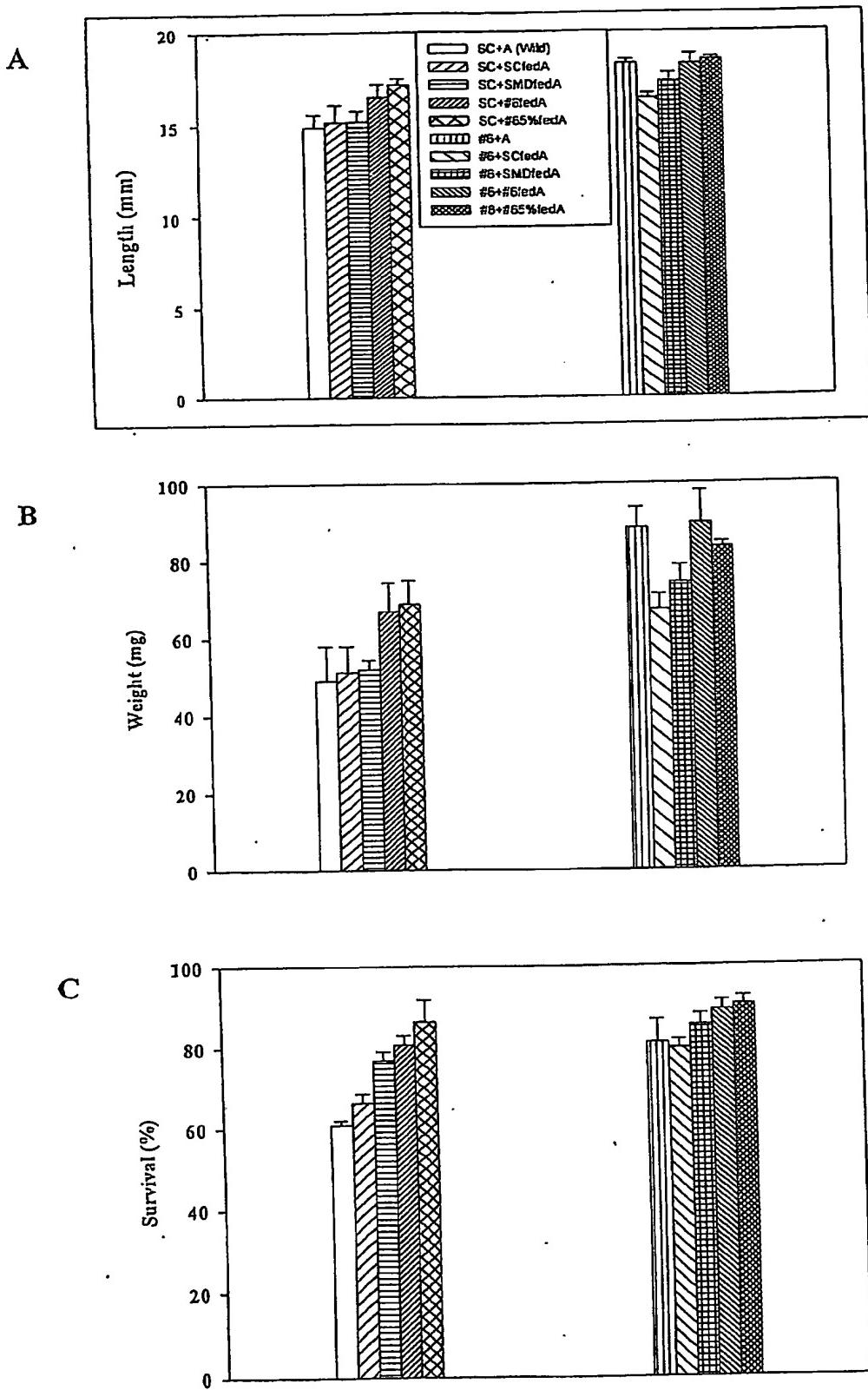


Fig. 10



10/10